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PROCEEDINGS
OF
The American Microscopical Society

MINUTES OF THE ANNUAL MEETING

HELD IN

NEW YORK CITY, JUNE 28, 29, 30, 1900

FIRST SESSION

THURSDAY, June 28

The twenty-third annual meeting of the Society was called to order by the President in Schemerhorn Hall, Columbia University, New York City, at 2 P. M., Thursday, June 28, 1900. After the reports of the Curator, Secretary, and Treasurer had been read, it was, on motion, decided that owing to the very early date of the annual meeting, the financial year of the Society should be extended to October 1st rather than close at the date of the meeting. The Custodian was directed to send to the Smithsonian Institution a set of back volumes save Vol. VI.

The report of the Limnological Committee was given informally, and it was decided that the opinion of the committee with reference to an increase in number was correct, and that a chemist, a physicist, and a bacteriologist should be added as soon as suitable members could be obtained for these fields. The committee was given time, and instructed to find those willing and able to undertake the work. The Society then voted unanimously to accept the invitation of the Board of Directors of the New York Zoological Garden to visit the same with the Zoological Section of the A. A. A. S., and thereupon adjourned to proceed to the Zoological Garden, where a most enjoyable afternoon was passed in inspection of the plant under the leadership of Prof. H. F. Osborn, of Columbia University, and Dr. Wm. T. Hornaday, Director of the Garden.

SECOND SESSION

At 8 p. m. the Society convened in the rooms of the New York Microscopical Society, 64 Madison Avenue, and listened to the annual presidential address by Dr. A. M. Bleile, on "The Detection and Recognition of Blood." At the close of the meeting an informal reception was tendered the Society by the New York Microscopical Society, and members of both Societies spent some time in social enjoyment.

THIRD SESSION

FRIDAY, June 29

The Society was called to order at 10 A. M., in Schemerhorn Hall, and after the report of the Executive Committee for the fiscal year had been read, the President appointed Mr. John Aspinwall and Dr. M. A. Veeder Auditors of the Custodian's report, and Mr. Magnus Pflaum and Mr. C. C. Mellor of the Treasurer's report. A nominating committee was then elected, consisting of Messrs. Gage, Kuehne, R. H. Ward, White, and Whipple. The Society then listened to the reading of the following papers:

"Photographing the Spectra of Colored Fluids," by Dr. Moses C. White, of New Haven, Connecticut. In discussion the President made extended reference to his address of the previous evening in connection with the paper in hand; the latter was also discussed by Professor Gage.

A paper on "A Method for the Measurement and Demonstration of the Size of Minute Bodies" was read by Dr. Henry B. Ward, and discussed by Prof. S. H. Gage and Mr. Magnus Pflaum.

"The Life-Work of Herbert Spencer" was reviewed by Mr. H. R. Howland, and further tribute to his work was added by Dr. R. H. Ward and Prof. S. H. Gage.

The Society also discussed generally the Spencer-Tolles Fund, and voted that the President should appoint a committee of three, who, together with the Custodian, should be especially charged with the completion of the fund before the next meeting.

A paper on "Methods in Embryology" was read by Prof. S. H. Gage, and discussed by Dr. H. B. Ward; and a second paper on "The Comparison of the Development of the Larynx in Toads and Frogs" was also read by Professor Gage and discussed by Drs. L. Schoeney and H. B. Ward. The Society then adjourned for dinner.

FOURTH SESSION

The Society was called to order by the President at 2:30 P. M., and the Report of the Limnological Commission was presented by Dr. H. B. Ward, Secretary of the Commission.

A paper "On the Distribution of Growths in Surface Water Supplies and the Method of Collecting Samples for Examination," by Dr. F. S. Hollis, was read, in the absence of the author, by Mr. G. C. Whipple, and informally discussed by a number of the members and visitors.

A paper on "The Necessity of Maintaining a System of Field Work on Surface Water Supplies," by Mr. H. N. Parker, was read, in the absence of the author, by Mr. G. C. Whipple, and discussed by the President and others.

A paper on "The Cladocera of Nebraska," by Dr. Chas. Fordyce, was read by the Secretary in the absence of the author, and informally discussed.

"The Work of the Mount Prospect Laboratory of the Brooklyn Water Works" was presented by Mr. G. C. Whipple, with lantern slides illustrating the laboratory and its equipment and work, and was discussed by Messrs. John Aspinwall and H. B. Ward.

A paper on "Some New Forms in the Cave Fauna of Mammoth Cave" was read by Dr. C. H. Eigenmann, and discussed by Messrs. John Aspinwall, H. B. Ward, and others.

A paper on "The Modern Conception of the Structure and Classification of the Desmidiaceae" was read by title in the absence of the author, Prof. Chas. E. Bessey.

A paper on "Some North American Hydrachnidae, hitherto undescribed," was read by title in the absence of the author, Dr. Robert H. Wolcott.

A paper on "Limnological Studies at Flathead Lake" was read by title in the absence of the author, Prof. M. J. Elrod.

The committee on the Spencer-Tolles Fund was then announced by the Chair as H. B. Ward, Adolph Feiel, and H. R. Howland. The Society then adjourned.

FIFTH SESSION

SATURDAY, June 30

The Society was called to order by the President at 9:30 A. M.

A paper on a "Method of Reproducing Color Effects of Stained Sections in Lantern Slides" was read by Mr. John Aspinwall, and discussed by Dr. H. B. Ward.

A paper on "Some Hints in Bibliographic Work in Science" was read by Dr. R. H. Ward, and informally discussed.

A paper on "A New Ear Fungus of Man," by Dr. Roscoe Pound, was read by title in the absence of the author.

A paper on "Methods in Staining and Killing Protozoa" was read by title in the absence of the author, Prof. M. J. Elrod.

A paper on "Synthetic Alcohol as a Fixing Agent for Tissues" was read by title in the absence of the author, Dr. T. E. Oertel.

The Nominating Committee reported the following choice of officers for the ensuing year:

For President... Prof. C. H. Eigenmann, Bloomington, Ind.
 For Vice-President.... Mr. Chas. M. Vorce, Cleveland, Ohio.
 For Second Vice-President.....
 Mr. Edward Pennock, Philadelphia, Pa.
 For Elective Members of the Executive Committee.....

Mr. John Aspinwall, New York City.

Dr. C. A. Kofoed, Urbana, Ill.

Dr. A. G. Field, Des Moines, Iowa.

A vote of thanks was passed to the officers of the Society for their services, to Columbia University for the use of the rooms and apparatus placed at the disposal of the Society, to the President and members of the New York Microscopical Society for their cordial hospitality, and to the Board of Directors of the New York Zoological Garden for the courtesies shown members of the Society during the visit to the garden.

After appropriate words of thanks to the Society, the retiring president called the new incumbent of the office to the chair. On taking his position, the President, Dr. C. H. Eigenmann, expressed his thanks to the Society for the honor conferred upon him, and the hope that the coming year might be more successful even than the past. He then declared the meeting adjourned, the place and date of the following meeting to be decided by the Executive Committee.

HENRY B. WARD, *Secretary*

TREASURER'S REPORT

FROM AUGUST 15, 1899, TO SEPTEMBER 20, 1900

DR.

To Membership dues, 1898, 1	\$2.00	
To Membership dues, 1899, 15	30.00	
To Membership dues, 1900, 169½	339.00	
To Membership dues, 1901, 33	66.00	
To Membership dues, 1902, 1	2.00	
	<u>439.00</u>	\$439.00
To Admission fees, 1900, 22	\$66.00	
To Admission fees, 1901, 5	15.00	81.00
	<u>81.00</u>	
To Subscribers, Vol. XX	\$8.00	
To Subscribers, Vol. XXI	16.00	
To Sale of Proceedings	33.80	57.80
	<u>57.80</u>	
To Advertising, Vol. XX	\$8.00	
To Advertising, Vol. XXI	80.00	88.00
	<u>88.00</u>	
		<u>\$665.80</u>
To Balance due Treasurer		37.82
		<u>\$703.62</u>

CR.

Expenses Columbus Meeting	\$1.25	
By Postage, Secretary	\$12.95	
By Postage, Custodian50	
By Postage, Treasurer	11.00	24.45
	<u>24.45</u>	
By Expressage, Secretary		33.28
By Stationery and Printing, Secretary	\$35.10	
By Stationery and Printing, Treasurer	9.75	44.85
	<u>44.85</u>	
By Typewriting, Secretary	\$32.07	
By Sundries, Secretary	36.40	
By Bank charges, Treasurer	3.50	71.97
	<u>71.97</u>	
By Issuing Vol. XXI, printing	\$480.75	
By Issuing Vol. XXI, plates	38.55	519.30
	<u>519.30</u>	
By Cash returned to Mr. M. Pfau		8.52
		<u>\$703.62</u>

PITTSBURGH, PA., January 10, 1901.

We hereby certify that we have examined the foregoing accounts and find the same correct, with proper vouchers for expenditures.

C. C. MELLOR,
MAGNUS PFLAUM,
Auditing Committee

CUSTODIAN'S REPORT FOR YEAR ENDING JULY 1, 1900

Reported at Columbus Meeting.....	\$653.36
January 1, 1900, Dividends.....	25.81
July 1, 1900, Dividends.....	26.84
Proceeds of sale of one set of Transactions.....	50.00
Total	\$756 01
Total increase for year.....	102 65

MAGNUS PFLAUM, *Custodian*

We certify that having examined the foregoing report of the Custodian we find the same correct.

JOHN ASPINWALL,
M. A. VEEDER,
Auditing Committee

New York, June 30, 1900

SPENCER-TOLLES FUND.

Year.	Increase	Total
1885.....	\$60.20
1886.....	\$25.00	85.20
1887.....	10.00	95 20
1888.....	52.66	147 86
1889.....	76.00	223.86
1890.....	30.00	253.86
1891.....	39.02	292.88
1892.....	19.12	312.00
1893.....	18.06	330.06
1894.....	19.32	349.38
1895.....	22.89	372.27
1896.....	50.77	423.04
1897.....	45.99	469.03
1898.....	86.43	555.46
1899.....	97.90	653.36
1900.....	102.65	756.01

ERRATUM

**Page 205, second paragraph, first line, for “Limnological
Committee” read “Limnological Commission.”**